

What is claimed is:

1. An ophthalmic photographic apparatus that includes an illumination optical system for illuminating an eye fundus and a photographing optical system for
5 photographing an image of the illuminated eye fundus, said ophthalmic photographic apparatus comprising:

a first aperture stop,
a second aperture stop having an outside diameter
10 that is smaller than that of the first aperture stop,
a third aperture stop that transmits more light than the first aperture stop, and
means for selectively inserting the first to third aperture stops into an optical path of the illumination
15 optical system.

2. An ophthalmic photographic apparatus according to claim 1, wherein the third aperture stop has wavelength characteristics of an ICG exciter filter.

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3. An ophthalmic photographic apparatus according to claim 1, wherein an illumination optical filter having wavelength characteristics of an ICG exciter filter is inserted into the optical path of the illumination optical
25 system when the third aperture stop is inserted into the optical path of the illumination optical system.

4. An ophthalmic photographic apparatus according to claim 2, wherein a photographing filter having wavelength characteristics for transmitting infrared fluorescence is
5 inserted into an optical path of the photographing optical system when the third aperture stop is inserted into the optical path of the illumination optical system.

5. An ophthalmic photographic apparatus according
10 to claim 4, wherein a wavelength region transmitted by the photographing filter differs from a wavelength region transmitted by the third aperture stop.

6. An ophthalmic photographic apparatus according
15 to claim 4, wherein a wavelength region transmitted by the illumination optical filter differs from a wavelength region transmitted by the photographing filter.

7. An ophthalmic photographic apparatus according
20 to claim 1, further including a first return mirror provided on the optical path of the photographing optical system, a second return mirror provided on the optical path of reflected light from the first return mirror, an observation optical system for naked-eye observation provided on the
25 optical path of reflected light from the second return mirror, a first imaging unit provided on the optical path of

transmitted light when the first return mirror is retracted,
a third return mirror provided on the optical path of
transmitted light when the second return mirror is retracted,
an infrared observation and photographing unit provided on
5 the optical path of reflected light from the third return
mirror, and a second imaging unit provided on the optical
path of transmitted light when the third return mirror is
retracted.

10 8. An ophthalmic photographic apparatus according
to claim 7, wherein the second imaging unit comprises an
infrared electronic imaging apparatus that receives a
separated infrared light beam, and a visible-light
electronic imaging apparatus that receives a separated
15 visible light beam.

 9. An ophthalmic photographic apparatus according
to claim 7, wherein, when the illumination and photographing
filters are inserted into the optical path, the first return
20 mirror is fixed at the inserted position, the second return
mirror is fixed at the retracted position, and retraction of
the third return mirror takes place as a photography is
initiated.

25 10. An ophthalmic photographic apparatus according
to claim 8, wherein, when the visible-light electronic

imaging apparatus is used to take a still image, the
photographing filter is inserted into, and removed from, the
photographing optical path in accordance with an image data
storage time of the visible-light electronic imaging
5 apparatus.

11. An ophthalmic photographic apparatus according
to claim 8, wherein either of an image taken by the infrared
electronic imaging apparatus or an image taken by the
10 visible-light electronic imaging apparatus is displayed as
an inverted image.

12. An ophthalmic photographic apparatus according
to claim 7, wherein, when the illumination optical filter
15 having the wavelength characteristics of the ICG exciter
filter and the photographing filter having the wavelength
characteristics for transmitting infrared fluorescence are
inserted into the optical path, the first return mirror is
fixed at the inserted position, the second return mirror is
20 fixed at the retracted position, the third return mirror is
fixed at the inserted position, and images of the infrared
observation and photography unit are recorded as still image
information, said recording operation being interlocked with
a photographing operation.

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13. An ophthalmic photographic apparatus according

to claim 12, wherein a photographing light source emits light in conjunction with a photographing operation.

14. An ophthalmic photographic apparatus according
5 to claim 12, wherein changeover of a sensitivity setting of the infrared observation and photographing unit from an observation setting to a photography setting is interlocked with a photographing operation.

10 15. An ophthalmic photographic apparatus according to claim 14, wherein the observation setting is adjustable.

16. An ophthalmic photographic apparatus according
to claim 12, wherein the still image is recorded together
15 with photographic time information.